

# ORIGINS LABORATORY

Quandary Consultants

Mike Dinkel

2252 Emerson St.

Denver

CO

80205

December 31, 2024

Project Name - **KMG - Jones Guy H Gas UN2**

Project Number - **[none]**

Attached are your analytical results for KMG - Jones Guy H Gas UN2 received by Origins Laboratory November 21, 2024. This project is associated with Origins project number E4K0652-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory  
303.433.1322  
projectmanager@originslab.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645



Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

### CROSS REFERENCE REPORT

| Sample ID  | Laboratory ID | Matrix | Date Sampled            | Date Received    |
|------------|---------------|--------|-------------------------|------------------|
| WH-BG01@3' | E4K0652-01    | Soil   | November 21, 2024 11:30 | 11/21/2024 15:15 |
| WH-BG01@6' | E4K0652-02    | Soil   | November 21, 2024 11:31 | 11/21/2024 15:15 |
| WH-BG02@3' | E4K0652-03    | Soil   | November 21, 2024 11:32 | 11/21/2024 15:15 |
| WH-BG02@6' | E4K0652-04    | Soil   | November 21, 2024 11:33 | 11/21/2024 15:15 |
| WH-BG03@3' | E4K0652-05    | Soil   | November 21, 2024 11:34 | 11/21/2024 15:15 |
| WH-BG03@6' | E4K0652-06    | Soil   | November 21, 2024 11:35 | 11/21/2024 15:15 |
| WH-BG04@3' | E4K0652-07    | Soil   | November 21, 2024 11:36 | 11/21/2024 15:15 |
| WH-BG04@6' | E4K0652-08    | Soil   | November 21, 2024 11:37 | 11/21/2024 15:15 |
| WH-BG05@3' | E4K0652-09    | Soil   | November 21, 2024 11:38 | 11/21/2024 15:15 |
| WH-BG05@6' | E4K0652-10    | Soil   | November 21, 2024 11:39 | 11/21/2024 15:15 |
| WH-B01@6'  | E4K0652-11    | Soil   | November 21, 2024 12:50 | 11/21/2024 15:15 |
| FL-B01@4'  | E4K0652-12    | Soil   | November 21, 2024 12:59 | 11/21/2024 15:15 |
| FL-B03@2'  | E4K0652-13    | Soil   | November 21, 2024 13:21 | 11/21/2024 15:15 |
| GW-01      | E4K0652-14    | Water  | November 21, 2024 13:30 | 11/21/2024 15:15 |

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Mike Dinkel

Project Number: [none]

Project: KMG - Jones Guy H Gas UN2

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Jordan A. Bynon, Project Manager

# ORIGINS LABORATORY

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 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

# ORIGINS

LABORATORY INC



Page 1 of 2

Client: **Lead - Midget Oil & Gas Division LP**  
 Address: **5410 N Division St**  
**Rattenville, CO 80851**

Project Manager: **Mike Dinkel**  
 Project Name: **Jones Guy H Gas UN2**  
 Project Number: **[none]**

Key: **W=Water**  
**GM=Groundwater**  
**SM=Surface Water**  
**WW=Waste Water**

Phone Number: **785.691.7788**  
 Email Address: **MIKE.DINKEL@QUANDARYCONSULTANTS.COM**  
 Invoicing/Billing Info: **Erik M. Kelly**  
 Collected By: **[Signature]**  
 S-Soil S-Solid I-Oil A-Air G-Gas I-IMP-Impact F-HC=Hydrochloric H-NO3=Nitric H2SO4=Sulfuric I-MACH=Sodium Hydroxide L=Liquid

| Sample ID                      | Date Sampled            | Time Sampled      | # of Containers        | Matrix Preservative   | Analysis          | Comments |
|--------------------------------|-------------------------|-------------------|------------------------|-----------------------|-------------------|----------|
| WH-BG01-03                     | 11/21/2024              | 130               | 5                      | N/A                   |                   |          |
| WH-BG01-06                     | 11/21/2024              | 131               |                        |                       |                   |          |
| WH-BG01-03                     |                         | 132               |                        |                       |                   |          |
| WH-BG02-06                     |                         | 133               |                        |                       |                   |          |
| WH-BG03-03                     |                         | 134               |                        |                       |                   |          |
| WH-BG03-06                     |                         | 135               |                        |                       |                   |          |
| WH-BG04-03                     |                         | 136               |                        |                       |                   |          |
| WH-BG04-06                     |                         | 137               |                        |                       |                   |          |
| WH-BG05-03                     |                         | 138               |                        |                       |                   |          |
| WH-BG05-06                     |                         | 139               |                        |                       |                   |          |
| Relinquished By: <b>W.H.T.</b> | Date: <b>11/21/2024</b> | Time: <b>1515</b> | Received By: <b>WS</b> | Date: <b>11/21/24</b> | Time: <b>1515</b> |          |

Temp Received: **48**  
 Received On Ice?  Yes  No

Turnaround Time  
 SAME DAY  
 24 Hr  
 48 Hr  
 72 Hr  
 Standard

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 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

# ORIGINS LABORATORY INC


Client: **Leak-Magee Div. & Gas Coshore, LP**  
 Address: **501 N. Division St.**  
**RATTEVILLE, CO, 80661**

Project Name: **Jones Guy H Gas UN2**  
 Project Manager: **Mike Dinkel**  
 Project Number: **[none]**  
 Collected By: **Will J. Erik Mikelson**

Telephone Number: **788 15691**  
 Email Address: **ADRIAN@QUANDARYCONSULTANTS.COM**  
 Invoice Billing Info: **Erik Mikelson**  
 SW=Surface Water  
 WW=Waste Water  
 L=Liquid

| #  | Sample ID | Date     | Time | # of Containers | Matrix Preservative | Analysis |  | Comments |
|----|-----------|----------|------|-----------------|---------------------|----------|--|----------|
|    |           |          |      |                 |                     |          |  |          |
| 1  | WJ-301001 | 11/21/14 | 1505 | 5               | N/A                 | X        |  |          |
| 2  | FL-201004 |          | 1259 | 5               |                     | X        |  |          |
| 3  | FL-203002 |          | 1321 | 3               |                     | X        |  |          |
| 4  | GMW1      |          | 1336 | 4               | GM                  | X        |  |          |
| 5  |           |          |      |                 |                     |          |  |          |
| 6  |           |          |      |                 |                     |          |  |          |
| 7  |           |          |      |                 |                     |          |  |          |
| 8  |           |          |      |                 |                     |          |  |          |
| 9  |           |          |      |                 |                     |          |  |          |
| 10 |           |          |      |                 |                     |          |  |          |

Requisitioned By: **WJ** Date: **11/21/14** Time: **1515**  
 Received By: **MS** Date: **11/21/14** Time: **1515**  
 Turnaround Time:  SAME DAY  24 Hr  48 Hr  72 Hr  
 Temp Received: **48** Received On Ice?  Yes  No

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2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

Origins Laboratory

F-012207-01-R1  
Effective Date: 01/09/12

### Sample Receipt Checklist

Origins Work Order: E4KO652

Client: Quandary

Checklist Completed by: KN / WS

Client Project ID: Jones Guy H Gas UN2

Date/time completed: 11/21/24

Shipped Via: HD  
(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_

Airbill #: N/A

Cooler Number/Temperature: 1/48 °C

(Describe) \_\_\_\_\_ °C


Thermometer ID: 7007

| Requirement Description   | Yes  | No | N/A | Comments (if any) |
|---|--|----|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C <sup>(1)</sup> ?   | /  |    |     |                   |
| Is there ice present (document if blue ice is used)   | /  |    |     |                   |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)   |  | /  |     |                   |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)  |  | /  |     |                   |
| Were all samples received intact <sup>(1)</sup> ?   | /  |    |     |                   |
| Was adequate sample volume provided <sup>(1)</sup> ?  | /  |    |     |                   |
| Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?  | /  |    |     |                   |
| Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?  | /  |    |     |                   |
| Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?   |  | /  |     | ①                 |
| Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?   | /  |    |     |                   |
| Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?   | /  |    |     |                   |
| For volatiles in water — is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.  |  | /  |     |                   |
| Are samples preserved that require preservation and was it checked <sup>(1)</sup> ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity) (pH < 2 for samples preserved with HNO3, HCl, H2SO4) / (pH > 10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH) |  |    | /   |                   |
| Additional Comments (if any):   | ① missing all samples except samples 2, 13 & 14 only have 2 jars instead of 3<br>12&13 WS 11/21/24 |    |     |                   |

<sup>(1)</sup>If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) KN

Date/Time Reviewed 11/21/24

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2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG01@3'  
11/21/2024 11:30:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-01 (Soil)

### Boron (DTPA Sorbitol)

|       |       |       |      |   |         |            |            |
|-------|-------|-------|------|---|---------|------------|------------|
| Boron | 0.148 | 0.100 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |
|-------|-------|-------|------|---|---------|------------|------------|

### Metals by Saturated Paste by EPA 6010

|           |      |       |       |    |        |            |            |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium   | 20.7 | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |
| Magnesium | 6.99 | 0.823 | "     | "  | "      | "          | "          |
| Sodium    | 24.9 | 0.435 | "     | "  | "      | "          | "          |

### pH in Soil by 9045D

|    |      |  |          |   |         |            |            |
|----|------|--|----------|---|---------|------------|------------|
| pH | 7.97 |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|----|------|--|----------|---|---------|------------|------------|

### SAR by 20B Saturated Paste

|     |      |        |     |   |         |            |            |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 6.69 | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

### Specific Conductance Mod. 9050A

|                           |      |         |          |   |         |            |            |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 4.56 | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

### Table 915 metals by EPA 6020B

|         |        |        |       |    |         |            |            |
|---------|--------|--------|-------|----|---------|------------|------------|
| Arsenic | 2.91   | 0.262  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 73.2   | 9.05   | "     | "  | "       | "          | "          |
| Cadmium | 0.0923 | 0.0905 | "     | "  | "       | "          | "          |
| Copper  | ND     | 9.05   | "     | "  | "       | "          | "          |

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG01@3'  
11/21/2024 11:30:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|


## Origins Laboratory E4K0652-01 (Soil)

### Table 915 metals by EPA 6020B

|          |       |  |        |       |    |         |            |            |  |
|----------|-------|--|--------|-------|----|---------|------------|------------|--|
| Lead     | 5.03  |  | 0.905  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Nickel   | 8.25  |  | 0.905  | "     | "  | "       | "          | "          |  |
| Selenium | 0.245 |  | 0.235  | "     | "  | "       | "          | "          |  |
| Silver   | ND    |  | 0.0905 | "     | "  | "       | "          | "          |  |
| Zinc     | ND    |  | 33.5   | "     | "  | "       | "          | "          |  |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.158 | 0.395 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG01@6'  
11/21/2024 11:31:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-02 (Soil)

### Boron (DTPA Sorbitol)

|       |       |  |       |      |   |         |            |            |  |
|-------|-------|--|-------|------|---|---------|------------|------------|--|
| Boron | 0.407 |  | 0.101 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|-------|------|---|---------|------------|------------|--|

### Metals by Saturated Paste by EPA 6010

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 5.16 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 5.17 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 18.1 |  | 0.435 | "     | "  | "      | "          | "          |  |

### pH in Soil by 9045D

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.17 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

### SAR by 20B Saturated Paste

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 7.98 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

### Specific Conductance Mod. 9050A

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 2.79 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

### Table 915 metals by EPA 6020B

|         |       |  |        |       |    |         |            |            |  |
|---------|-------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 6.83  |  | 0.251  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 162   |  | 8.64   | "     | "  | "       | "          | "          |  |
| Cadmium | 0.259 |  | 0.0864 | "     | "  | "       | "          | "          |  |
| Copper  | 10.3  |  | 8.64   | "     | "  | "       | "          | "          |  |

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG01@6'  
11/21/2024 11:31:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-02 (Soil)

### Table 915 metals by EPA 6020B

|          |       |  |        |       |    |         |            |            |   |
|----------|-------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 7.25  |  | 0.864  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 11.4  |  | 0.864  | "     | "  | "       | "          | "          | " |
| Selenium | 0.492 |  | 0.225  | "     | "  | "       | "          | "          | " |
| Silver   | ND    |  | 0.0864 | "     | "  | "       | "          | "          | " |
| Zinc     | 36.7  |  | 32.0   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.187 | 0.466 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

**WH-BG02@3'**  
**11/21/2024 11:32:00AM**

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**Origins Laboratory**  
**E4K0652-03 (Soil)**

**Boron (DTPA Sorbitol)**

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.434 |  | 0.0984 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

**Metals by Saturated Paste by EPA 6010**

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 7.18 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 6.65 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 19.5 |  | 0.435 | "     | "  | "      | "          | "          |  |

**pH in Soil by 9045D**

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.21 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 7.41 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 2.98 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

**Table 915 metals by EPA 6020B**

|         |      |  |        |       |    |         |            |            |  |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 3.14 |  | 0.279  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 100  |  | 9.62   | "     | "  | "       | "          | "          |  |
| Cadmium | ND   |  | 0.0962 | "     | "  | "       | "          | "          |  |
| Copper  | ND   |  | 9.62   | "     | "  | "       | "          | "          |  |

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG02@3'

11/21/2024 11:32:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-03 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 5.40 |  | 0.962  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 7.90 |  | 0.962  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.250  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0962 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   |  | 35.6   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.181 | 0.451 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

**WH-BG02@6'**  
**11/21/2024 11:33:00AM**

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**Origins Laboratory**  
**E4K0652-04 (Soil)**

**Boron (DTPA Sorbitol)**

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.363 |  | 0.0998 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

**Metals by Saturated Paste by EPA 6010**

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 1.53 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 1.93 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 16.2 |  | 0.435 | "     | "  | "      | "          | "          |  |

**pH in Soil by 9045D**

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.53 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 12.3 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 2.06 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

**Table 915 metals by EPA 6020B**

|         |      |  |        |       |    |         |            |            |  |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 2.52 |  | 0.267  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 52.6 |  | 9.22   | "     | "  | "       | "          | "          |  |
| Cadmium | ND   |  | 0.0922 | "     | "  | "       | "          | "          |  |
| Copper  | ND   |  | 9.22   | "     | "  | "       | "          | "          |  |

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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG02@6'  
11/21/2024 11:33:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-04 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 4.29 |  | 0.922  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 6.76 |  | 0.922  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.240  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0922 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   |  | 34.1   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.187 | 0.467 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG03@3'  
11/21/2024 11:34:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-05 (Soil)

### Boron (DTPA Sorbitol)

|       |       |       |      |   |         |            |            |
|-------|-------|-------|------|---|---------|------------|------------|
| Boron | 0.782 | 0.101 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |
|-------|-------|-------|------|---|---------|------------|------------|

### Metals by Saturated Paste by EPA 6010

|           |      |       |       |    |        |            |            |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium   | 16.3 | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |
| Magnesium | 5.42 | 0.823 | "     | "  | "      | "          | "          |
| Sodium    | 21.2 | 0.435 | "     | "  | "      | "          | "          |

### pH in Soil by 9045D

|    |      |  |          |   |         |            |            |
|----|------|--|----------|---|---------|------------|------------|
| pH | 8.03 |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|----|------|--|----------|---|---------|------------|------------|

### SAR by 20B Saturated Paste

|     |      |        |     |   |         |            |            |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 6.44 | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

### Specific Conductance Mod. 9050A

|                           |      |         |          |   |         |            |            |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 3.84 | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

### Table 915 metals by EPA 6020B

|         |        |        |       |    |         |            |            |
|---------|--------|--------|-------|----|---------|------------|------------|
| Arsenic | 3.50   | 0.271  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 72.5   | 9.35   | "     | "  | "       | "          | "          |
| Cadmium | 0.0953 | 0.0935 | "     | "  | "       | "          | "          |
| Copper  | ND     | 9.35   | "     | "  | "       | "          | "          |

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG03@3'  
11/21/2024 11:34:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|


## Origins Laboratory E4K0652-05 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 5.77 |  | 0.935  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 9.35 |  | 0.935  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.243  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0935 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   |  | 34.6   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.170 | 0.425 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG03@6'  
11/21/2024 11:35:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-06 (Soil)

### Boron (DTPA Sorbitol)

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.858 |  | 0.0990 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

### Metals by Saturated Paste by EPA 6010

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 2.67 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 2.34 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 9.44 |  | 0.435 | "     | "  | "      | "          | "          |  |

### pH in Soil by 9045D

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.25 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

### SAR by 20B Saturated Paste

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 5.97 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

### Specific Conductance Mod. 9050A

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 1.62 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

### Table 915 metals by EPA 6020B

|         |      |  |        |       |    |         |            |            |  |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 3.65 |  | 0.269  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 89.5 |  | 9.28   | "     | "  | "       | "          | "          |  |
| Cadmium | ND   |  | 0.0928 | "     | "  | "       | "          | "          |  |
| Copper  | ND   |  | 9.28   | "     | "  | "       | "          | "          |  |

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG03@6'

11/21/2024 11:35:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-06 (Soil)

### Table 915 metals by EPA 6020B

| Analyte  | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch   | Prepared   | Analyzed   | Notes |
|----------|--------|---------------------|-----------------|-------|----------|---------|------------|------------|-------|
| Lead     | 5.95   | 0.928               | 0.928           | mg/kg | 10       | B4K2145 | 11/21/2024 | 11/22/2024 |       |
| Nickel   | 9.06   | 0.928               | 0.928           | "     | "        | "       | "          | "          | "     |
| Selenium | ND     | 0.241               | 0.241           | "     | "        | "       | "          | "          | "     |
| Silver   | ND     | 0.0928              | 0.0928          | "     | "        | "       | "          | "          | "     |
| Zinc     | ND     | 34.3                | 34.3            | "     | "        | "       | "          | "          | "     |

### Total Metals by 7196A

| Analyte             | Result | Min Detection Limit | Reporting Limit | Units     | Dilution | Batch   | Prepared   | Analyzed   | Notes |
|---------------------|--------|---------------------|-----------------|-----------|----------|---------|------------|------------|-------|
| Hexavalent Chromium | ND     | 0.188               | 0.469           | mg/kg dry | 1        | 2722490 | 12/20/2024 | 12/27/2024 | U     |

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Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

WH-BG04@3'  
 11/21/2024 11:36:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**Origins Laboratory**  
**E4K0652-07 (Soil)**

**Boron (DTPA Sorbitol)**

|       |      |  |        |      |   |         |            |            |  |
|-------|------|--|--------|------|---|---------|------------|------------|--|
| Boron | 1.13 |  | 0.0988 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|------|--|--------|------|---|---------|------------|------------|--|

**Metals by Saturated Paste by EPA 6010**

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 5.64 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 5.27 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 28.5 |  | 0.435 | "     | "  | "      | "          | "          |  |

**pH in Soil by 9045D**

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.31 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 12.2 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 3.92 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

**Table 915 metals by EPA 6020B**

|         |       |  |        |       |    |         |            |            |  |
|---------|-------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 4.36  |  | 0.278  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 87.8  |  | 9.60   | "     | "  | "       | "          | "          |  |
| Cadmium | 0.126 |  | 0.0960 | "     | "  | "       | "          | "          |  |
| Copper  | ND    |  | 9.60   | "     | "  | "       | "          | "          |  |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG04@3'  
11/21/2024 11:36:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|


## Origins Laboratory E4K0652-07 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |  |
|----------|------|--|--------|-------|----|---------|------------|------------|--|
| Lead     | 6.14 |  | 0.960  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Nickel   | 9.58 |  | 0.960  | "     | "  | "       | "          | "          |  |
| Selenium | ND   |  | 0.250  | "     | "  | "       | "          | "          |  |
| Silver   | ND   |  | 0.0960 | "     | "  | "       | "          | "          |  |
| Zinc     | ND   |  | 35.5   | "     | "  | "       | "          | "          |  |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.146 | 0.365 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

**WH-BG04@6'**  
**11/21/2024 11:37:00AM**

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**Origins Laboratory**  
**E4K0652-08 (Soil)**

**Boron (DTPA Sorbitol)**

|       |       |  |       |      |   |         |            |            |  |
|-------|-------|--|-------|------|---|---------|------------|------------|--|
| Boron | 0.223 |  | 0.101 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|-------|------|---|---------|------------|------------|--|

**Metals by Saturated Paste by EPA 6010**

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 3.07 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | 2.80 |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 8.80 |  | 0.435 | "     | "  | "      | "          | "          |  |

**pH in Soil by 9045D**

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.24 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

**SAR by 20B Saturated Paste**

|     |      |  |        |     |   |         |            |            |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 5.14 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|------|--|--------|-----|---|---------|------------|------------|--|

**Specific Conductance Mod. 9050A**

|                           |      |  |         |          |   |         |            |            |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 1.61 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|------|--|---------|----------|---|---------|------------|------------|--|

**Table 915 metals by EPA 6020B**

|         |      |  |        |       |    |         |            |            |  |
|---------|------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 1.98 |  | 0.280  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 43.5 |  | 9.66   | "     | "  | "       | "          | "          |  |
| Cadmium | ND   |  | 0.0966 | "     | "  | "       | "          | "          |  |
| Copper  | ND   |  | 9.66   | "     | "  | "       | "          | "          |  |

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG04@6'  
11/21/2024 11:37:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-08 (Soil)

### Table 915 metals by EPA 6020B

|          |      |        |        |       |    |         |            |            |   |
|----------|------|--------|--------|-------|----|---------|------------|------------|---|
| Lead     | 3.66 | 0.966  | 0.966  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 5.89 | 0.966  | 0.966  | "     | "  | "       | "          | "          | " |
| Selenium | ND   | 0.251  | 0.251  | "     | "  | "       | "          | "          | " |
| Silver   | ND   | 0.0966 | 0.0966 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   | 35.7   | 35.7   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.155 | 0.387 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG05@3'  
11/21/2024 11:38:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-09 (Soil)

### Boron (DTPA Sorbitol)

|       |       |       |      |   |         |            |            |
|-------|-------|-------|------|---|---------|------------|------------|
| Boron | 0.244 | 0.101 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |
|-------|-------|-------|------|---|---------|------------|------------|

### Metals by Saturated Paste by EPA 6010

|           |      |       |       |    |        |            |            |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium   | 4.01 | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |
| Magnesium | 2.01 | 0.823 | "     | "  | "      | "          | "          |
| Sodium    | 3.51 | 0.435 | "     | "  | "      | "          | "          |

### pH in Soil by 9045D

|    |      |  |          |   |         |            |            |
|----|------|--|----------|---|---------|------------|------------|
| pH | 8.04 |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|----|------|--|----------|---|---------|------------|------------|

### SAR by 20B Saturated Paste

|     |      |        |     |   |         |            |            |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 2.02 | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

### Specific Conductance Mod. 9050A

|                           |      |         |          |   |         |            |            |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 1.02 | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

### Table 915 metals by EPA 6020B

|         |      |        |       |    |         |            |            |
|---------|------|--------|-------|----|---------|------------|------------|
| Arsenic | 3.31 | 0.259  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 69.4 | 8.92   | "     | "  | "       | "          | "          |
| Cadmium | ND   | 0.0892 | "     | "  | "       | "          | "          |
| Copper  | ND   | 8.92   | "     | "  | "       | "          | "          |

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG05@3'  
11/21/2024 11:38:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-09 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 5.53 |  | 0.892  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 9.11 |  | 0.892  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.232  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0892 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   |  | 33.0   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.167 | 0.418 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG05@6'  
11/21/2024 11:39:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-10 (Soil)

### Boron (DTPA Sorbitol)

|       |       |       |      |   |         |            |            |
|-------|-------|-------|------|---|---------|------------|------------|
| Boron | 0.196 | 0.101 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |
|-------|-------|-------|------|---|---------|------------|------------|

### Metals by Saturated Paste by EPA 6010

|           |      |       |       |    |        |            |            |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium   | 22.6 | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |
| Magnesium | 13.3 | 0.823 | "     | "  | "      | "          | "          |
| Sodium    | 28.0 | 0.435 | "     | "  | "      | "          | "          |

### pH in Soil by 9045D

|    |      |  |          |   |         |            |            |
|----|------|--|----------|---|---------|------------|------------|
| pH | 7.96 |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|----|------|--|----------|---|---------|------------|------------|

### SAR by 20B Saturated Paste

|     |      |        |     |   |         |            |            |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 6.60 | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

### Specific Conductance Mod. 9050A

|                           |      |         |          |   |         |            |            |
|---------------------------|------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 5.11 | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |
|---------------------------|------|---------|----------|---|---------|------------|------------|

### Table 915 metals by EPA 6020B

|         |      |        |       |    |         |            |            |
|---------|------|--------|-------|----|---------|------------|------------|
| Arsenic | 3.04 | 0.280  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 75.8 | 9.66   | "     | "  | "       | "          | "          |
| Cadmium | ND   | 0.0966 | "     | "  | "       | "          | "          |
| Copper  | ND   | 9.66   | "     | "  | "       | "          | "          |

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-BG05@6'  
11/21/2024 11:39:00AM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-10 (Soil)

### Table 915 metals by EPA 6020B

| Analyte  | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch   | Prepared   | Analyzed   | Notes |
|----------|--------|---------------------|-----------------|-------|----------|---------|------------|------------|-------|
| Lead     | 5.79   | 0.966               | 0.966           | mg/kg | 10       | B4K2145 | 11/21/2024 | 11/22/2024 |       |
| Nickel   | 9.59   | 0.966               | 0.966           | "     | "        | "       | "          | "          | "     |
| Selenium | ND     | 0.251               | 0.251           | "     | "        | "       | "          | "          | "     |
| Silver   | ND     | 0.0966              | 0.0966          | "     | "        | "       | "          | "          | "     |
| Zinc     | ND     | 35.7                | 35.7            | "     | "        | "       | "          | "          | "     |

### Total Metals by 7196A

| Analyte             | Result | Min Detection Limit | Reporting Limit | Units     | Dilution | Batch   | Prepared   | Analyzed   | Notes |
|---------------------|--------|---------------------|-----------------|-----------|----------|---------|------------|------------|-------|
| Hexavalent Chromium | ND     | 0.173               | 0.434           | mg/kg dry | 1        | 2722490 | 12/20/2024 | 12/27/2024 | U     |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-B01@6'

11/21/2024 12:50:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-11 (Soil)

### Boron (DTPA Sorbitol)

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.874 |  | 0.0981 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

### DRO/ORO by EPA 8015D

|                                   |    |  |      |       |   |         |            |            |    |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|----|
| Diesel (C10-C28)                  | ND |  | 25.0 | mg/kg | 1 | B4K2146 | 11/21/2024 | 11/21/2024 | Ua |
| Residual Range Organics (C28-C40) | ND |  | 100  | "     | " | "       | "          | "          | Ua |

|                        |        |  |        |  |  |   |   |   |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 76.0 % |  | 50-150 |  |  | " | " | " |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|

### GBTEX+TMBs by 8260D

|                             |    |  |         |       |   |         |            |            |    |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|----|
| 1,2,4-Trimethylbenzene      | ND |  | 0.00200 | mg/kg | 1 | B4K2147 | 11/21/2024 | 11/22/2024 | Ua |
| 1,3,5-Trimethylbenzene      | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Benzene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Ethylbenzene                | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Toluene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Xylenes, total              | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Gasoline Range Hydrocarbons | ND |  | 0.200   | "     | " | "       | "          | "          | Ua |

|                                  |       |  |        |  |  |   |   |   |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 111 % |  | 70-130 |  |  | " | " | " |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|

Origins Laboratory



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Jordan A. Bynon, Project Manager

# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-B01@6'

11/21/2024 12:50:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-11 (Soil)

### GBTEX+TMBs by 8260D

|                                 |        |  |        |  |  |             |            |            |  |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8           | 105 %  |  | 70-130 |  |  | B4K21<br>47 | 11/21/2024 | 11/22/2024 |  |
| Surrogate: 4-Bromofluorobenzene | 96.9 % |  | 70-130 |  |  | "           | "          | "          |  |

### Metals by Saturated Paste by EPA 6010

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 3.51 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | ND   |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 5.79 |  | 0.435 | "     | "  | "      | "          | "          |  |

### PAH by 8270E SIM

|                        |    |         |         |           |   |         |            |            |   |
|------------------------|----|---------|---------|-----------|---|---------|------------|------------|---|
| 1-Methylnaphthalene    | ND | 0.00126 | 0.00383 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 | U |
| 2-Methylnaphthalene    | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Acenaphthene           | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Anthracene             | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Benzo(a)anthracene     | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Benzo(a)pyrene         | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Benzo(b)fluoranthene   | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Benzo(k)fluoranthene   | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Chrysene               | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Dibenzo(a,h)anthracene | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Fluoranthene           | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |

Origins Laboratory



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Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

WH-B01@6'

11/21/2024 12:50:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**GEL Laboratories, LLC**

E4K0652-11 (Soil)

**PAH by 8270E SIM**

|                        |    |         |         |           |   |         |            |            |   |
|------------------------|----|---------|---------|-----------|---|---------|------------|------------|---|
| Fluorene               | ND | 0.00126 | 0.00383 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 | U |
| Indeno(1,2,3-cd)pyrene | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Naphthalene            | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |
| Pyrene                 | ND | 0.00126 | 0.00383 | "         | " | "       | "          | "          | U |

Surrogate: 5-alpha-Androstane 67 % 22-135 " "

**pH in Soil by 9045D**

pH 11.4 pH Units 1 B4K2225 11/22/2024 11/25/2024

**SAR by 20B Saturated Paste**

SAR 4.36 0.0100 SAR 1 B4K2218 11/22/2024 11/25/2024

**Specific Conductance Mod. 9050A**

Specific Conductance (EC) 1.26 0.00500 mmhos/cm 1 B4K2225 11/22/2024 11/25/2024

**Table 915 metals by EPA 6020B**

|         |       |        |       |    |         |            |            |
|---------|-------|--------|-------|----|---------|------------|------------|
| Arsenic | 5.93  | 0.278  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 101   | 9.58   | "     | "  | "       | "          | "          |
| Cadmium | 0.325 | 0.0958 | "     | "  | "       | "          | "          |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

WH-B01@6'

11/21/2024 12:50:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-11 (Soil)

### Table 915 metals by EPA 6020B

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Copper   | 13.0 |  | 9.58   | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Lead     | 11.5 |  | 0.958  | "     | "  | "       | "          | "          | " |
| Nickel   | 12.5 |  | 0.958  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.249  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0958 | "     | "  | "       | "          | "          | " |
| Zinc     | 46.9 |  | 35.4   | "     | "  | "       | "          | "          | " |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.163 | 0.409 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

Origins Laboratory



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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B01@4'

11/21/2024 12:59:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-12 (Soil)

### Boron (DTPA Sorbitol)

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.212 |  | 0.0988 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

### DRO/ORO by EPA 8015D

|                                   |    |  |      |       |   |         |            |            |    |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|----|
| Diesel (C10-C28)                  | ND |  | 25.0 | mg/kg | 1 | B4K2146 | 11/21/2024 | 11/21/2024 | Ua |
| Residual Range Organics (C28-C40) | ND |  | 100  | "     | " | "       | "          | "          | Ua |

|                        |        |  |        |  |  |   |   |   |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 78.5 % |  | 50-150 |  |  | " | " | " |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|

### GBTEX+TMBs by 8260D

|                             |    |  |         |       |   |         |            |            |    |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|----|
| 1,2,4-Trimethylbenzene      | ND |  | 0.00200 | mg/kg | 1 | B4K2147 | 11/21/2024 | 11/22/2024 | Ua |
| 1,3,5-Trimethylbenzene      | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Benzene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Ethylbenzene                | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Toluene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Xylenes, total              | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Gasoline Range Hydrocarbons | ND |  | 0.200   | "     | " | "       | "          | "          | Ua |

|                                  |       |  |        |  |  |   |   |   |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 112 % |  | 70-130 |  |  | " | " | " |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|

Origins Laboratory



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Jordan A. Bynon, Project Manager

# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B01@4'

11/21/2024 12:59:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-12 (Soil)

### GBTEX+TMBs by 8260D

|                                 |       |  |        |  |  |             |            |            |  |
|---------------------------------|-------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8           | 100 % |  | 70-130 |  |  | B4K21<br>47 | 11/21/2024 | 11/22/2024 |  |
| Surrogate: 4-Bromofluorobenzene | 110 % |  | 70-130 |  |  | "           | "          | "          |  |

### Metals by Saturated Paste by EPA 6010

|           |       |  |       |       |    |        |            |            |  |
|-----------|-------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 1.55  |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | ND    |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | 0.927 |  | 0.435 | "     | "  | "      | "          | "          |  |

### PAH by 8270E SIM

|                        |         |         |         |           |   |         |            |            |   |
|------------------------|---------|---------|---------|-----------|---|---------|------------|------------|---|
| 1-Methylnaphthalene    | ND      | 0.00124 | 0.00375 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 | U |
| 2-Methylnaphthalene    | ND      | 0.00124 | 0.00375 | "         | " | "       | "          | "          | U |
| Acenaphthene           | 0.00375 | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Anthracene             | 0.0413  | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Benzo(a)anthracene     | 0.265   | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Benzo(a)pyrene         | 0.161   | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Benzo(b)fluoranthene   | 0.236   | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Benzo(k)fluoranthene   | 0.0732  | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Chrysene               | 0.241   | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Dibenzo(a,h)anthracene | 0.0221  | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Fluoranthene           | 0.524   | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |
| Fluorene               | 0.00525 | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B01@4'

11/21/2024 12:59:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## GEL Laboratories, LLC

E4K0652-12 (Soil)

### PAH by 8270E SIM

|                        |        |         |         |           |   |         |            |            |   |
|------------------------|--------|---------|---------|-----------|---|---------|------------|------------|---|
| Indeno(1,2,3-cd)pyrene | 0.0826 | 0.00124 | 0.00375 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 |   |
| Naphthalene            | ND     | 0.00124 | 0.00375 | "         | " | "       | "          | "          | U |
| Pyrene                 | 0.460  | 0.00124 | 0.00375 | "         | " | "       | "          | "          |   |

Surrogate: 5-alpha-Androstane 81 % 22-135 " " "

### pH in Soil by 9045D

|    |      |  |  |          |   |         |            |            |  |
|----|------|--|--|----------|---|---------|------------|------------|--|
| pH | 8.34 |  |  | pH Units | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|----|------|--|--|----------|---|---------|------------|------------|--|

### SAR by 20B Saturated Paste

|     |       |  |        |     |   |         |            |            |  |
|-----|-------|--|--------|-----|---|---------|------------|------------|--|
| SAR | 0.882 |  | 0.0100 | SAR | 1 | B4K2218 | 11/22/2024 | 11/25/2024 |  |
|-----|-------|--|--------|-----|---|---------|------------|------------|--|

### Specific Conductance Mod. 9050A

|                           |       |  |         |          |   |         |            |            |  |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|
| Specific Conductance (EC) | 0.391 |  | 0.00500 | mmhos/cm | 1 | B4K2225 | 11/22/2024 | 11/25/2024 |  |
|---------------------------|-------|--|---------|----------|---|---------|------------|------------|--|

### Table 915 metals by EPA 6020B

|         |       |  |        |       |    |         |            |            |  |
|---------|-------|--|--------|-------|----|---------|------------|------------|--|
| Arsenic | 3.66  |  | 0.280  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Barium  | 74.0  |  | 9.67   | "     | "  | "       | "          | "          |  |
| Cadmium | 0.159 |  | 0.0967 | "     | "  | "       | "          | "          |  |
| Copper  | ND    |  | 9.67   | "     | "  | "       | "          | "          |  |

Origins Laboratory



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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B01@4'

11/21/2024 12:59:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

**Origins Laboratory**  
E4K0652-12 (Soil)

**Table 915 metals by EPA 6020B**

|          |      |  |        |       |    |         |            |            |   |
|----------|------|--|--------|-------|----|---------|------------|------------|---|
| Lead     | 8.12 |  | 0.967  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |   |
| Nickel   | 8.52 |  | 0.967  | "     | "  | "       | "          | "          | " |
| Selenium | ND   |  | 0.251  | "     | "  | "       | "          | "          | " |
| Silver   | ND   |  | 0.0967 | "     | "  | "       | "          | "          | " |
| Zinc     | ND   |  | 35.8   | "     | "  | "       | "          | "          | " |

**Total Metals by 7196A**

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.174 | 0.435 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

FL-B03@2'

11/21/2024 1:21:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-13 (Soil)

### Boron (DTPA Sorbitol)

|       |       |  |        |      |   |         |            |            |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|
| Boron | 0.149 |  | 0.0988 | mg/L | 1 | B4K2210 | 11/22/2024 | 11/25/2024 |  |
|-------|-------|--|--------|------|---|---------|------------|------------|--|

### DRO/ORO by EPA 8015D

|                                   |    |  |      |       |   |         |            |            |    |
|-----------------------------------|----|--|------|-------|---|---------|------------|------------|----|
| Diesel (C10-C28)                  | ND |  | 25.0 | mg/kg | 1 | B4K2146 | 11/21/2024 | 11/21/2024 | Ua |
| Residual Range Organics (C28-C40) | ND |  | 100  | "     | " | "       | "          | "          | Ua |

|                        |        |  |        |  |  |   |   |   |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 78.5 % |  | 50-150 |  |  | " | " | " |  |
|------------------------|--------|--|--------|--|--|---|---|---|--|

### GBTEX+TMBs by 8260D

|                             |    |  |         |       |   |         |            |            |    |
|-----------------------------|----|--|---------|-------|---|---------|------------|------------|----|
| 1,2,4-Trimethylbenzene      | ND |  | 0.00200 | mg/kg | 1 | B4K2147 | 11/21/2024 | 11/22/2024 | Ua |
| 1,3,5-Trimethylbenzene      | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Benzene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Ethylbenzene                | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Toluene                     | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Xylenes, total              | ND |  | 0.00200 | "     | " | "       | "          | "          | Ua |
| Gasoline Range Hydrocarbons | ND |  | 0.200   | "     | " | "       | "          | "          | Ua |

|                                  |       |  |        |  |  |   |   |   |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 105 % |  | 70-130 |  |  | " | " | " |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B03@2'

11/21/2024 1:21:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-13 (Soil)

### GBTEX+TMBs by 8260D

|                                 |        |  |        |  |  |             |            |            |  |
|---------------------------------|--------|--|--------|--|--|-------------|------------|------------|--|
| Surrogate: Toluene-d8           | 108 %  |  | 70-130 |  |  | B4K21<br>47 | 11/21/2024 | 11/22/2024 |  |
| Surrogate: 4-Bromofluorobenzene | 95.8 % |  | 70-130 |  |  | "           | "          | "          |  |

### Metals by Saturated Paste by EPA 6010

|           |      |  |       |       |    |        |            |            |  |
|-----------|------|--|-------|-------|----|--------|------------|------------|--|
| Calcium   | 1.71 |  | 0.499 | meq/L | 10 | [CALC] | 11/22/2024 | 11/25/2024 |  |
| Magnesium | ND   |  | 0.823 | "     | "  | "      | "          | "          |  |
| Sodium    | ND   |  | 0.435 | "     | "  | "      | "          | "          |  |

### PAH by 8270E SIM

|                        |         |         |         |           |   |         |            |            |   |
|------------------------|---------|---------|---------|-----------|---|---------|------------|------------|---|
| 1-Methylnaphthalene    | ND      | 0.00121 | 0.00367 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 | U |
| 2-Methylnaphthalene    | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |
| Acenaphthene           | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |
| Anthracene             | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |
| Benzo(a)anthracene     | 0.00660 | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |
| Benzo(a)pyrene         | 0.00660 | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |
| Benzo(b)fluoranthene   | 0.00990 | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |
| Benzo(k)fluoranthene   | 0.00293 | 0.00121 | 0.00367 | "         | " | "       | "          | "          | J |
| Chrysene               | 0.00660 | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |
| Dibenzo(a,h)anthracene | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |
| Fluoranthene           | 0.00807 | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |
| Fluorene               | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B03@2'

11/21/2024 1:21:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## GEL Laboratories, LLC

E4K0652-13 (Soil)

### PAH by 8270E SIM

|                        |         |         |         |           |   |         |            |            |   |
|------------------------|---------|---------|---------|-----------|---|---------|------------|------------|---|
| Indeno(1,2,3-cd)pyrene | 0.00367 | 0.00121 | 0.00367 | mg/kg dry | 1 | 2714859 | 12/04/2024 | 12/04/2024 |   |
| Naphthalene            | ND      | 0.00121 | 0.00367 | "         | " | "       | "          | "          | U |
| Pyrene                 | 0.0103  | 0.00121 | 0.00367 | "         | " | "       | "          | "          |   |

Surrogate: 5-alpha-Androstane 79 % 22-135 " " "

### pH in Soil by 9045D

pH 8.28 pH Units 1 B4K2225 11/22/2024 11/25/2024

### SAR by 20B Saturated Paste

SAR 0.280 0.0100 SAR 1 B4K2218 11/22/2024 11/25/2024

### Specific Conductance Mod. 9050A

Specific Conductance (EC) 0.330 0.00500 mmhos/cm 1 B4K2225 11/22/2024 11/25/2024

### Table 915 metals by EPA 6020B

|         |       |        |       |    |         |            |            |
|---------|-------|--------|-------|----|---------|------------|------------|
| Arsenic | 2.23  | 0.249  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |
| Barium  | 51.7  | 8.60   | "     | "  | "       | "          | "          |
| Cadmium | 0.153 | 0.0860 | "     | "  | "       | "          | "          |
| Copper  | ND    | 8.60   | "     | "  | "       | "          | "          |

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

FL-B03@2'

11/21/2024 1:21:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

## Origins Laboratory E4K0652-13 (Soil)

### Table 915 metals by EPA 6020B

|          |      |        |        |       |    |         |            |            |  |
|----------|------|--------|--------|-------|----|---------|------------|------------|--|
| Lead     | 6.63 | 0.860  | 0.860  | mg/kg | 10 | B4K2145 | 11/21/2024 | 11/22/2024 |  |
| Nickel   | 6.97 | 0.860  | 0.860  | "     | "  | "       | "          | "          |  |
| Selenium | ND   | 0.223  | 0.223  | "     | "  | "       | "          | "          |  |
| Silver   | ND   | 0.0860 | 0.0860 | "     | "  | "       | "          | "          |  |
| Zinc     | ND   | 31.8   | 31.8   | "     | "  | "       | "          | "          |  |

### Total Metals by 7196A

|                     |    |       |       |           |   |         |            |            |   |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.100 | 0.251 | mg/kg dry | 1 | 2722490 | 12/20/2024 | 12/27/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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# ORIGINS LABORATORY

Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

## GW-01

11/21/2024 1:30:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

### Origins Laboratory E4K0652-14 (Water)

#### Anions by IC 300.0

|          |      |  |      |      |     |         |            |            |  |
|----------|------|--|------|------|-----|---------|------------|------------|--|
| Chloride | 427  |  | 31.2 | mg/L | 125 | B4K2203 | 11/22/2024 | 11/23/2024 |  |
| Sulfate  | 1760 |  | 31.2 | "    | "   | "       | "          | "          |  |

#### BTEX+N+TMBs by 8260D

|                        |    |  |      |      |   |         |            |            |    |
|------------------------|----|--|------|------|---|---------|------------|------------|----|
| 1,2,4-Trimethylbenzene | ND |  | 2.00 | ug/L | 1 | B4K2161 | 11/21/2024 | 11/21/2024 | Ua |
| 1,3,5-Trimethylbenzene | ND |  | 2.00 | "    | " | "       | "          | "          | Ua |
| Benzene                | ND |  | 1.00 | "    | " | "       | "          | "          | Ua |
| Ethylbenzene           | ND |  | 1.00 | "    | " | "       | "          | "          | Ua |
| Naphthalene            | ND |  | 2.00 | "    | " | "       | "          | "          | Ua |
| Toluene                | ND |  | 1.00 | "    | " | "       | "          | "          | Ua |
| Xylenes, total         | ND |  | 1.00 | "    | " | "       | "          | "          | Ua |

|                                  |       |  |        |  |  |   |   |   |  |
|----------------------------------|-------|--|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 112 % |  | 70-130 |  |  | " | " | " |  |
| Surrogate: Toluene-d8            | 102 % |  | 70-130 |  |  | " | " | " |  |
| Surrogate: 4-Bromofluorobenzene  | 103 % |  | 70-130 |  |  | " | " | " |  |

#### Total Dissolved Solids by 2540C

|                        |      |  |      |      |   |         |            |            |  |
|------------------------|------|--|------|------|---|---------|------------|------------|--|
| Total Dissolved Solids | 3820 |  | 5.00 | mg/L | 1 | B4K2743 | 11/27/2024 | 12/01/2024 |  |
|------------------------|------|--|------|------|---|---------|------------|------------|--|

Origins Laboratory



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Quandary Consultants  
2252 Emerson St.  
Denver CO 80205

Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B4K2146 - EPA 3550B</b>  |        |                 |       |             |   |      |             |     |           |       |
| <b>Blank (B4K2146-BLK1)</b>       |        |                 |       |             |   |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 11/21/2024 Analyzed: 11/21/2024 |      |             |     |           |       |
| Diesel (C10-C28)                  | ND     | 25.0            | mg/kg |             |   |      |             |     |           | Ua    |
| Residual Range Organics (C28-C40) | ND     | 100             | "     |             |   |      |             |     |           | Ua    |
| Surrogate: o-Terphenyl            | 19     |                 | "     | 24.9        |   | 78.3 | 50-150      |     |           |       |

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Jordan A. Bynon, Project Manager



Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

| Analyte                           | Result | Reporting Limit | Units | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch B4K2146 - EPA 3550B</b>  |        |                 |       |             |   |      |             |     |           |       |
| <b>LCS (B4K2146-BS1)</b>          |        |                 |       |             |   |      |             |     |           |       |
|                                   |        |                 |       |             | Prepared: 11/21/2024 Analyzed: 11/21/2024 |      |             |     |           |       |
| Diesel (C10-C28)                  | 990    | 50.0            | mg/kg | 1000        |   | 99.0 | 70-130      |     |           |       |
| Residual Range Organics (C28-C40) | 1040   | 200             | "     | 1000        |   | 104  | 70-130      |     |           |       |
| Surrogate: o-Terphenyl            | 49     |                 | "     | 49.8        |   | 97.6 | 50-150      |     |           |       |

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Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

| Analyte                           | Result | Reporting Limit | Units                     | Spike Level | Source Result | %REC                                      | %REC Limits | RPD | RPD Limit | Notes |
|-----------------------------------|--------|-----------------|---------------------------|-------------|---------------|---|-------------|-----|-----------|-------|
| <b>Batch B4K2146 - EPA 3550B</b>  |        |                 |                           |             |               |   |             |     |           |       |
| <b>Matrix Spike (B4K2146-MS1)</b> |        |                 | <b>Source: E4K0651-15</b> |             |               | Prepared: 11/21/2024 Analyzed: 11/21/2024 |             |     |           |       |
| Diesel (C10-C28)                  | 956    | 50.0            | mg/kg                     | 1000        | ND            | 95.6                                      | 70-130      |     |           |       |
| Residual Range Organics (C28-C40) | 999    | 200             | "                         | 1000        | ND            | 99.9                                      | 70-130      |     |           |       |
| Surrogate: o-Terphenyl            | 48     |                 | "                         | 49.8        |               | 96.5                                      | 50-150      |     |           |       |

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**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
**Origins Laboratory**

| Analyte                                | Result | Reporting Limit | Units                     | Spike Level | Source Result | %REC                                      | %REC Limits | RPD  | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---------------|---|-------------|------|-----------|-------|
| <b>Batch B4K2146 - EPA 3550B</b>       |        |                 |                           |             |               |   |             |      |           |       |
| <b>Matrix Spike Dup (B4K2146-MSD1)</b> |        |                 | <b>Source: E4K0651-15</b> |             |               | Prepared: 11/21/2024 Analyzed: 11/21/2024 |             |      |           |       |
| Diesel (C10-C28)                       | 981    | 50.0            | mg/kg                     | 1000        | ND            | 98.1                                      | 70-130      | 2.52 | 35        |       |
| Residual Range Organics (C28-C40)      | 1020   | 200             | "                         | 1000        | ND            | 102                                       | 70-130      | 2.38 | 35        |       |
| Surrogate: o-Terphenyl                 | 50     |                 | "                         | 49.8        |               | 99.9                                      | 50-150      |      |           |       |

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Jordan A. Bynon, Project Manager



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**Extractable Petroleum Hydrocarbons by 8015D - Quality Control**  
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| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2147 - EPA 5030 (soil)

Blank (B4K2147-BLK1)

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |      |         |       |       |  |      |        |  |  |    |
|----------------------------------|------|---------|-------|-------|--|------|--------|--|--|----|
| 1,2,4-Trimethylbenzene           | ND   | 0.00200 | mg/kg |       |  |      |        |  |  | Ua |
| 1,3,5-Trimethylbenzene           | ND   | 0.00200 | "     |       |  |      |        |  |  | Ua |
| Benzene                          | ND   | 0.00200 | "     |       |  |      |        |  |  | Ua |
| Ethylbenzene                     | ND   | 0.00200 | "     |       |  |      |        |  |  | Ua |
| Naphthalene                      | ND   | 0.00380 | "     |       |  |      |        |  |  | Ua |
| Toluene                          | ND   | 0.00200 | "     |       |  |      |        |  |  | Ua |
| Xylenes, total                   | ND   | 0.00200 | "     |       |  |      |        |  |  | Ua |
| Gasoline Range Hydrocarbons      | ND   | 0.200   | "     |       |  |      |        |  |  | Ua |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 |         | "     | 0.125 |  | 103  | 70-130 |  |  |    |
| Surrogate: Toluene-d8            | 0.13 |         | "     | 0.125 |  | 106  | 70-130 |  |  |    |
| Surrogate: 4-Bromofluorobenzene  | 0.12 |         | "     | 0.125 |  | 96.7 | 70-130 |  |  |    |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2147 - EPA 5030 (soil)

LCS (B4K2147-BS1)

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |        |         |       |       |  |      |        |  |  |  |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.104  | 0.00200 | mg/kg | 0.100 |  | 104  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.105  | 0.00200 | "     | 0.100 |  | 105  | 70-130 |  |  |  |
| Benzene                          | 0.0916 | 0.00200 | "     | 0.100 |  | 91.6 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.108  | 0.00200 | "     | 0.100 |  | 108  | 70-130 |  |  |  |
| Naphthalene                      | 0.107  | 0.00380 | "     | 0.100 |  | 107  | 70-130 |  |  |  |
| Toluene                          | 0.0963 | 0.00200 | "     | 0.100 |  | 96.3 | 70-130 |  |  |  |
| o-Xylene                         | 0.106  | 0.00200 | "     | 0.100 |  | 106  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.216  | 0.00400 | "     | 0.200 |  | 108  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12   |         | "     | 0.125 |  | 99.7 | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.13   |         | "     | 0.125 |  | 102  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125 |  | 105  | 70-130 |  |  |  |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2147 - EPA 5030 (soil)

Matrix Spike (B4K2147-MS1)

Source: E4K0651-14

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |        |         |       |       |    |      |        |  |  |  |
|----------------------------------|--------|---------|-------|-------|----|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 0.100  | 0.00200 | mg/kg | 0.100 | ND | 100  | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 0.101  | 0.00200 | "     | 0.100 | ND | 101  | 70-130 |  |  |  |
| Benzene                          | 0.0929 | 0.00200 | "     | 0.100 | ND | 92.9 | 70-130 |  |  |  |
| Ethylbenzene                     | 0.104  | 0.00200 | "     | 0.100 | ND | 104  | 70-130 |  |  |  |
| Naphthalene                      | 0.105  | 0.00380 | "     | 0.100 | ND | 105  | 70-130 |  |  |  |
| Toluene                          | 0.0967 | 0.00200 | "     | 0.100 | ND | 96.7 | 70-130 |  |  |  |
| o-Xylene                         | 0.104  | 0.00200 | "     | 0.100 | ND | 104  | 70-130 |  |  |  |
| m,p-Xylene                       | 0.208  | 0.00400 | "     | 0.200 | ND | 104  | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13   |         | "     | 0.125 |    | 106  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 0.13   |         | "     | 0.125 |    | 102  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125 |    | 105  | 70-130 |  |  |  |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
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| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2147 - EPA 5030 (soil)

Matrix Spike Dup (B4K2147-MSD1)

Source: E4K0651-14

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |        |         |       |       |    |      |        |       |    |  |
|----------------------------------|--------|---------|-------|-------|----|------|--------|-------|----|--|
| 1,2,4-Trimethylbenzene           | 0.0957 | 0.00200 | mg/kg | 0.100 | ND | 95.7 | 70-130 | 4.64  | 20 |  |
| 1,3,5-Trimethylbenzene           | 0.0959 | 0.00200 | "     | 0.100 | ND | 95.9 | 70-130 | 5.36  | 20 |  |
| Benzene                          | 0.0920 | 0.00200 | "     | 0.100 | ND | 92.0 | 70-130 | 0.974 | 20 |  |
| Ethylbenzene                     | 0.101  | 0.00200 | "     | 0.100 | ND | 101  | 70-130 | 2.94  | 20 |  |
| Naphthalene                      | 0.100  | 0.00380 | "     | 0.100 | ND | 100  | 70-130 | 4.74  | 20 |  |
| Toluene                          | 0.0940 | 0.00200 | "     | 0.100 | ND | 94.0 | 70-130 | 2.79  | 20 |  |
| o-Xylene                         | 0.101  | 0.00200 | "     | 0.100 | ND | 101  | 70-130 | 2.84  | 20 |  |
| m,p-Xylene                       | 0.202  | 0.00400 | "     | 0.200 | ND | 101  | 70-130 | 2.84  | 20 |  |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13   |         | "     | 0.125 |    | 107  | 70-130 |       |    |  |
| Surrogate: Toluene-d8            | 0.13   |         | "     | 0.125 |    | 102  | 70-130 |       |    |  |
| Surrogate: 4-Bromofluorobenzene  | 0.13   |         | "     | 0.125 |    | 104  | 70-130 |       |    |  |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2161 - EPA 5030B (Water)**

**Blank (B4K2161-BLK1)**

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |    |      |      |      |  |      |        |  |  |    |
|----------------------------------|----|------|------|------|--|------|--------|--|--|----|
| 1,2,4-Trimethylbenzene           | ND | 2.00 | ug/L |      |  |      |        |  |  | Ua |
| 1,3,5-Trimethylbenzene           | ND | 2.00 | "    |      |  |      |        |  |  | Ua |
| Benzene                          | ND | 1.00 | "    |      |  |      |        |  |  | Ua |
| Ethylbenzene                     | ND | 1.00 | "    |      |  |      |        |  |  | Ua |
| Naphthalene                      | ND | 2.00 | "    |      |  |      |        |  |  | Ua |
| Toluene                          | ND | 1.00 | "    |      |  |      |        |  |  | Ua |
| Xylenes, total                   | ND | 1.00 | "    |      |  |      |        |  |  | Ua |
| Surrogate: 1,2-Dichloroethane-d4 | 70 |      | "    | 62.5 |  | 112  | 70-130 |  |  |    |
| Surrogate: Toluene-d8            | 62 |      | "    | 62.5 |  | 99.4 | 70-130 |  |  |    |
| Surrogate: 4-Bromofluorobenzene  | 65 |      | "    | 62.5 |  | 105  | 70-130 |  |  |    |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2161 - EPA 5030B (Water)

LCS (B4K2161-BS1)

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |      |      |      |      |  |      |        |  |  |  |
|----------------------------------|------|------|------|------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene           | 44.4 | 2.00 | ug/L | 50.0 |  | 88.7 | 70-130 |  |  |  |
| 1,3,5-Trimethylbenzene           | 48.5 | 2.00 | "    | 50.0 |  | 96.9 | 70-130 |  |  |  |
| Benzene                          | 42.6 | 1.00 | "    | 50.0 |  | 85.2 | 70-130 |  |  |  |
| Ethylbenzene                     | 48.4 | 1.00 | "    | 50.0 |  | 96.8 | 70-130 |  |  |  |
| m,p-Xylene                       | 87.3 | 2.00 | "    | 100  |  | 87.3 | 70-130 |  |  |  |
| Naphthalene                      | 59.4 | 2.00 | "    | 50.0 |  | 119  | 70-130 |  |  |  |
| o-Xylene                         | 43.5 | 1.00 | "    | 50.0 |  | 87.0 | 70-130 |  |  |  |
| Toluene                          | 42.8 | 1.00 | "    | 50.0 |  | 85.6 | 70-130 |  |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 72   |      | "    | 62.5 |  | 115  | 70-130 |  |  |  |
| Surrogate: Toluene-d8            | 64   |      | "    | 62.5 |  | 103  | 70-130 |  |  |  |
| Surrogate: 4-Bromofluorobenzene  | 66   |      | "    | 62.5 |  | 105  | 70-130 |  |  |  |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
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| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2161 - EPA 5030B (Water)

Matrix Spike (B4K2161-MS1)

Source: E4K0652-14

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |      |      |      |      |       |      |        |  |  |       |
|----------------------------------|------|------|------|------|-------|------|--------|--|--|-------|
| 1,2,4-Trimethylbenzene           | 51.9 | 2.00 | ug/L | 50.0 | ND    | 104  | 70-130 |  |  |       |
| 1,3,5-Trimethylbenzene           | 58.5 | 2.00 | "    | 50.0 | ND    | 117  | 70-130 |  |  |       |
| Benzene                          | 50.3 | 1.00 | "    | 50.0 | ND    | 101  | 70-130 |  |  |       |
| Ethylbenzene                     | 56.4 | 1.00 | "    | 50.0 | ND    | 113  | 70-130 |  |  |       |
| m,p-Xylene                       | 103  | 2.00 | "    | 100  | ND    | 103  | 70-130 |  |  |       |
| Naphthalene                      | 66.6 | 2.00 | "    | 50.0 | 0.440 | 132  | 70-130 |  |  | QM-07 |
| o-Xylene                         | 50.1 | 1.00 | "    | 50.0 | ND    | 100  | 70-130 |  |  |       |
| Toluene                          | 49.3 | 1.00 | "    | 50.0 | ND    | 98.6 | 70-130 |  |  |       |
| Surrogate: 1,2-Dichloroethane-d4 | 73   |      | "    | 62.5 |       | 116  | 70-130 |  |  |       |
| Surrogate: Toluene-d8            | 63   |      | "    | 62.5 |       | 101  | 70-130 |  |  |       |
| Surrogate: 4-Bromofluorobenzene  | 66   |      | "    | 62.5 |       | 106  | 70-130 |  |  |       |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4K2161 - EPA 5030B (Water)

Matrix Spike Dup (B4K2161-MSD1)

Source: E4K0652-14

Prepared: 11/21/2024 Analyzed: 11/21/2024

|                                  |      |      |      |      |       |      |        |        |    |       |
|----------------------------------|------|------|------|------|-------|------|--------|--------|----|-------|
| 1,2,4-Trimethylbenzene           | 51.9 | 2.00 | ug/L | 50.0 | ND    | 104  | 70-130 | 0.0385 | 20 |       |
| 1,3,5-Trimethylbenzene           | 57.7 | 2.00 | "    | 50.0 | ND    | 115  | 70-130 | 1.45   | 20 |       |
| Benzene                          | 49.9 | 1.00 | "    | 50.0 | ND    | 99.7 | 70-130 | 0.898  | 20 |       |
| Ethylbenzene                     | 56.0 | 1.00 | "    | 50.0 | ND    | 112  | 70-130 | 0.658  | 20 |       |
| m,p-Xylene                       | 101  | 2.00 | "    | 100  | ND    | 101  | 70-130 | 1.67   | 20 |       |
| Naphthalene                      | 71.6 | 2.00 | "    | 50.0 | 0.440 | 142  | 70-130 | 7.15   | 20 | QM-07 |
| o-Xylene                         | 50.4 | 1.00 | "    | 50.0 | ND    | 101  | 70-130 | 0.537  | 20 |       |
| Toluene                          | 49.2 | 1.00 | "    | 50.0 | ND    | 98.5 | 70-130 | 0.122  | 20 |       |
| Surrogate: 1,2-Dichloroethane-d4 | 72   |      | "    | 62.5 |       | 116  | 70-130 |        |    |       |
| Surrogate: Toluene-d8            | 63   |      | "    | 62.5 |       | 101  | 70-130 |        |    |       |
| Surrogate: 4-Bromofluorobenzene  | 66   |      | "    | 62.5 |       | 106  | 70-130 |        |    |       |

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**Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2145 - EPA 3050B**

**Blank (B4K2145-BLK1)**

Prepared: 11/21/2024 Analyzed: 11/22/2024

|          |    |       |       |  |  |  |  |  |  |  |
|----------|----|-------|-------|--|--|--|--|--|--|--|
| Arsenic  | ND | 0.290 | mg/kg |  |  |  |  |  |  |  |
| Barium   | ND | 10.0  | "     |  |  |  |  |  |  |  |
| Cadmium  | ND | 0.100 | "     |  |  |  |  |  |  |  |
| Copper   | ND | 10.0  | "     |  |  |  |  |  |  |  |
| Lead     | ND | 1.00  | "     |  |  |  |  |  |  |  |
| Nickel   | ND | 1.00  | "     |  |  |  |  |  |  |  |
| Selenium | ND | 0.260 | "     |  |  |  |  |  |  |  |
| Silver   | ND | 0.100 | "     |  |  |  |  |  |  |  |
| Zinc     | ND | 37.0  | "     |  |  |  |  |  |  |  |

**LCS (B4K2145-BS1)**

Prepared: 11/21/2024 Analyzed: 11/22/2024

|          |      |       |       |      |  |     |        |  |  |  |
|----------|------|-------|-------|------|--|-----|--------|--|--|--|
| Arsenic  | 5.91 | 0.290 | mg/kg | 5.00 |  | 118 | 80-120 |  |  |  |
| Barium   | 528  | 10.0  | "     | 500  |  | 106 | 80-120 |  |  |  |
| Cadmium  | 5.86 | 0.100 | "     | 5.00 |  | 117 | 80-120 |  |  |  |
| Copper   | 59.0 | 10.0  | "     | 50.0 |  | 118 | 80-120 |  |  |  |
| Lead     | 5.45 | 1.00  | "     | 5.00 |  | 109 | 80-120 |  |  |  |
| Nickel   | 5.79 | 1.00  | "     | 5.00 |  | 116 | 80-120 |  |  |  |
| Selenium | 5.50 | 0.260 | "     | 5.00 |  | 110 | 80-120 |  |  |  |
| Silver   | 5.81 | 0.100 | "     | 5.00 |  | 116 | 80-120 |  |  |  |
| Zinc     | 58.9 | 37.0  | "     | 50.0 |  | 118 | 80-120 |  |  |  |

**Matrix Spike (B4K2145-MS1)**

Source: E4K0648-03

Prepared: 11/21/2024 Analyzed: 11/22/2024

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Jordan A. Bynon, Project Manager



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 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Metals by EPA 6000/7000 Series Methods - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2145 - EPA 3050B**

**Matrix Spike (B4K2145-MS1)**

**Source: E4K0648-03**

Prepared: 11/21/2024 Analyzed: 11/22/2024

|          |      |        |       |      |        |      |        |  |  |  |
|----------|------|--------|-------|------|--------|------|--------|--|--|--|
| Arsenic  | 8.33 | 0.268  | mg/kg | 4.62 | 4.37   | 85.7 | 75-125 |  |  |  |
| Barium   | 598  | 9.23   | "     | 462  | 52.4   | 118  | 75-125 |  |  |  |
| Cadmium  | 5.64 | 0.0923 | "     | 4.62 | 0.110  | 120  | 75-125 |  |  |  |
| Copper   | 62.2 | 9.23   | "     | 46.2 | 6.61   | 120  | 75-125 |  |  |  |
| Lead     | 9.59 | 0.923  | "     | 4.62 | 5.07   | 97.9 | 75-125 |  |  |  |
| Nickel   | 11.8 | 0.923  | "     | 4.62 | 7.17   | 101  | 75-125 |  |  |  |
| Selenium | 5.31 | 0.240  | "     | 4.62 | 0.159  | 112  | 75-125 |  |  |  |
| Silver   | 5.56 | 0.0923 | "     | 4.62 | 0.0112 | 120  | 75-125 |  |  |  |
| Zinc     | 76.0 | 34.2   | "     | 46.2 | 23.3   | 114  | 75-125 |  |  |  |

**Matrix Spike Dup (B4K2145-MSD1)**

**Source: E4K0648-03**

Prepared: 11/21/2024 Analyzed: 11/22/2024

|          |      |        |       |      |        |      |        |       |    |  |
|----------|------|--------|-------|------|--------|------|--------|-------|----|--|
| Arsenic  | 8.77 | 0.277  | mg/kg | 4.78 | 4.37   | 92.2 | 75-125 | 5.21  | 20 |  |
| Barium   | 609  | 9.55   | "     | 478  | 52.4   | 117  | 75-125 | 1.80  | 20 |  |
| Cadmium  | 5.80 | 0.0955 | "     | 4.78 | 0.110  | 119  | 75-125 | 2.88  | 20 |  |
| Copper   | 62.4 | 9.55   | "     | 47.8 | 6.61   | 117  | 75-125 | 0.302 | 20 |  |
| Lead     | 10.3 | 0.955  | "     | 4.78 | 5.07   | 109  | 75-125 | 6.80  | 20 |  |
| Nickel   | 11.9 | 0.955  | "     | 4.78 | 7.17   | 98.6 | 75-125 | 0.462 | 20 |  |
| Selenium | 5.53 | 0.248  | "     | 4.78 | 0.159  | 112  | 75-125 | 4.11  | 20 |  |
| Silver   | 5.69 | 0.0955 | "     | 4.78 | 0.0112 | 119  | 75-125 | 2.22  | 20 |  |
| Zinc     | 78.4 | 35.3   | "     | 47.8 | 23.3   | 116  | 75-125 | 3.19  | 20 |  |

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 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2203 - Filter .45um non acidified**

**Blank (B4K2203-BLK1)**

Prepared: 11/22/2024 Analyzed: 11/22/2024

|          |    |       |      |  |  |  |  |  |  |  |
|----------|----|-------|------|--|--|--|--|--|--|--|
| Chloride | ND | 0.250 | mg/L |  |  |  |  |  |  |  |
| Sulfate  | ND | 0.250 | "    |  |  |  |  |  |  |  |

**LCS (B4K2203-BS1)**

Prepared: 11/22/2024 Analyzed: 11/23/2024

|          |      |       |      |      |  |      |        |  |  |  |
|----------|------|-------|------|------|--|------|--------|--|--|--|
| Chloride | 3.97 | 0.250 | mg/L | 4.00 |  | 99.3 | 90-110 |  |  |  |
| Sulfate  | 3.91 | 0.250 | "    | 4.00 |  | 97.7 | 90-110 |  |  |  |

**Matrix Spike (B4K2203-MS1)**

**Source: E4K0652-14**

Prepared: 11/22/2024 Analyzed: 11/23/2024

|          |      |  |      |     |      |     |        |  |  |  |
|----------|------|--|------|-----|------|-----|--------|--|--|--|
| Chloride | 940  |  | mg/L | 500 | 427  | 103 | 90-110 |  |  |  |
| Sulfate  | 2270 |  | "    | 500 | 1760 | 101 | 90-110 |  |  |  |

**Matrix Spike Dup (B4K2203-MSD1)**

**Source: E4K0652-14**

Prepared: 11/22/2024 Analyzed: 11/23/2024

|          |      |  |      |     |      |     |        |       |   |  |
|----------|------|--|------|-----|------|-----|--------|-------|---|--|
| Chloride | 945  |  | mg/L | 500 | 427  | 104 | 90-110 | 0.520 | 5 |  |
| Sulfate  | 2290 |  | "    | 500 | 1760 | 106 | 90-110 | 1.07  | 5 |  |

**Batch B4K2210 - DTPA Sorbitol Preparation**

**Blank (B4K2210-BLK1)**

Prepared: 11/22/2024 Analyzed: 11/25/2024

|       |    |       |      |  |  |  |  |  |  |  |
|-------|----|-------|------|--|--|--|--|--|--|--|
| Boron | ND | 0.100 | mg/L |  |  |  |  |  |  |  |
|-------|----|-------|------|--|--|--|--|--|--|--|

**Duplicate (B4K2210-DUP1)**

**Source: E4K0648-01**

Prepared: 11/22/2024 Analyzed: 11/25/2024

|       |        |        |      |  |        |  |  |      |    |  |
|-------|--------|--------|------|--|--------|--|--|------|----|--|
| Boron | 0.0464 | 0.0987 | mg/L |  | 0.0424 |  |  | 8.99 | 50 |  |
|-------|--------|--------|------|--|--------|--|--|------|----|--|

**Batch B4K2218 - Saturated Paste Metals**

**Blank (B4K2218-BLK1)**

Prepared: 11/22/2024 Analyzed: 11/25/2024

|               |    |        |      |  |  |  |  |  |  |  |
|---------------|----|--------|------|--|--|--|--|--|--|--|
| Calcium PPM   | ND | 10.0   | mg/L |  |  |  |  |  |  |  |
| SAR           | ND | 0.0100 | SAR  |  |  |  |  |  |  |  |
| Magnesium PPM | ND | 10.0   | mg/L |  |  |  |  |  |  |  |

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 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2218 - Saturated Paste Metals**

**Blank (B4K2218-BLK1)**

Prepared: 11/22/2024 Analyzed: 11/25/2024

Sodium PPM ND 10.0 mg/L

**Duplicate (B4K2218-DUP1)**

**Source: E4K0648-01**

Prepared: 11/22/2024 Analyzed: 11/25/2024

|               |      |        |      |  |      |  |  |      |     |  |
|---------------|------|--------|------|--|------|--|--|------|-----|--|
| SAR           | ND   | 0.0100 | SAR  |  | 1.27 |  |  |      | 200 |  |
| Calcium PPM   | 18.1 | 10.0   | mg/L |  | 15.6 |  |  | 14.4 | 50  |  |
| Magnesium PPM | 4.67 | 10.0   | "    |  | 4.04 |  |  | 14.5 | 50  |  |
| Sodium PPM    | 27.8 | 10.0   | "    |  | 21.8 |  |  | 24.2 | 50  |  |

**Batch B4K2743 - NO PREP**

**Blank (B4K2743-BLK1)**

Prepared: 11/27/2024 Analyzed: 12/01/2024

Total Dissolved Solids ND 5.00 mg/L

**LCS (B4K2743-BS1)**

Prepared: 11/27/2024 Analyzed: 12/01/2024

Total Dissolved Solids 986 5.00 mg/L 1010 97.6 90-110

**Duplicate (B4K2743-DUP1)**

**Source: E4K0542-02**

Prepared: 11/27/2024 Analyzed: 12/01/2024

Total Dissolved Solids 878 5.00 mg/L 888 1.13 10

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**Saturated Paste - Quality Control**  
**Origins Laboratory**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch B4K2225 - Saturated Paste pH/EC**

**Blank (B4K2225-BLK1)**

Prepared: 11/22/2024 Analyzed: 11/25/2024

Specific Conductance (EC) ND 0.00500 mmhos/cm

**Duplicate (B4K2225-DUP1)**

**Source: E4K0648-01**

Prepared: 11/22/2024 Analyzed: 11/25/2024

pH 8.26 pH Units 8.30 0.483 25

Specific Conductance (EC) 0.331 0.00500 mmhos/cm 0.309 6.69 25

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Jordan A. Bynon, Project Manager



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 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**PAH by 8270E SIM - Quality Control**  
**GEL Laboratories, LLC**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 2714859 - SW846 3541

**BLANK (1205937782-BLK)**

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                               |       |         |       |       |   |    |        |   |   |   |
|-------------------------------|-------|---------|-------|-------|---|----|--------|---|---|---|
| Benzo(k)fluoranthene          | ND    | 0.00328 | mg/kg | -     | - | -  | -      | - | - | U |
| Benzo(b)fluoranthene          | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| 1-Methylnaphthalene           | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| 2-Methylnaphthalene           | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Acenaphthene                  | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Anthracene                    | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Dibenzo(a,h)anthracene        | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Benzo(a)pyrene                | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Pyrene                        | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Chrysene                      | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Fluoranthene                  | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Fluorene                      | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Indeno(1,2,3-cd)pyrene        | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Naphthalene                   | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Benzo(a)anthracene            | ND    | 0.00328 | "     | -     | - | -  | -      | - | - | U |
| Surrogate: 5-alpha-Androstane | 0.160 |         | "     | 0.164 |   | 97 | 22-135 |   |   |   |

**LCS (1205937783-BKS)**

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                      |       |         |       |       |  |    |        |  |  |  |
|----------------------|-------|---------|-------|-------|--|----|--------|--|--|--|
| 1-Methylnaphthalene  | 0.245 | 0.00332 | mg/kg | 0.332 |  | 74 | 39-109 |  |  |  |
| Benzo(k)fluoranthene | 0.237 | 0.00332 | "     | 0.332 |  | 71 | 40-122 |  |  |  |
| 2-Methylnaphthalene  | 0.256 | 0.00332 | "     | 0.332 |  | 77 | 39-110 |  |  |  |
| Acenaphthene         | 0.244 | 0.00332 | "     | 0.332 |  | 74 | 41-112 |  |  |  |
| Anthracene           | 0.250 | 0.00332 | "     | 0.332 |  | 75 | 41-117 |  |  |  |
| Benzo(a)anthracene   | 0.260 | 0.00332 | "     | 0.332 |  | 78 | 42-120 |  |  |  |
| Benzo(b)fluoranthene | 0.254 | 0.00332 | "     | 0.332 |  | 76 | 39-123 |  |  |  |
| Pyrene               | 0.248 | 0.00332 | "     | 0.332 |  | 75 | 38-117 |  |  |  |
| Chrysene             | 0.258 | 0.00332 | "     | 0.332 |  | 78 | 42-117 |  |  |  |

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Mike Dinkel  
Project Number: [none]  
Project: KMG - Jones Guy H Gas UN2

**PAH by 8270E SIM - Quality Control**  
**GEL Laboratories, LLC**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 2714859 - SW846 3541**

**LCS (1205937783-BKS)**

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                               |       |         |       |       |  |    |        |  |  |  |
|-------------------------------|-------|---------|-------|-------|--|----|--------|--|--|--|
| Dibenzo(a,h)anthracene        | 0.255 | 0.00332 | mg/kg | 0.332 |  | 77 | 38-132 |  |  |  |
| Fluoranthene                  | 0.254 | 0.00332 | "     | 0.332 |  | 76 | 39-119 |  |  |  |
| Fluorene                      | 0.241 | 0.00332 | "     | 0.332 |  | 73 | 37-115 |  |  |  |
| Indeno(1,2,3-cd)pyrene        | 0.259 | 0.00332 | "     | 0.332 |  | 78 | 38-133 |  |  |  |
| Naphthalene                   | 0.246 | 0.00332 | "     | 0.332 |  | 74 | 38-109 |  |  |  |
| Benzo(a)pyrene                | 0.262 | 0.00332 | "     | 0.332 |  | 79 | 39-127 |  |  |  |
| Surrogate: 5-alpha-Androstane | 0.154 |         | "     | 0.166 |  | 93 | 22-135 |  |  |  |

**LCSD (1205937784-BKSD)**

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                               |       |         |       |       |  |    |        |    |    |  |
|-------------------------------|-------|---------|-------|-------|--|----|--------|----|----|--|
| Fluoranthene                  | 0.202 | 0.00332 | mg/kg | 0.332 |  | 61 | 39-119 | 22 | 30 |  |
| Fluorene                      | 0.194 | 0.00332 | "     | 0.332 |  | 58 | 37-115 | 22 | 30 |  |
| Indeno(1,2,3-cd)pyrene        | 0.205 | 0.00332 | "     | 0.332 |  | 62 | 38-133 | 23 | 30 |  |
| Naphthalene                   | 0.195 | 0.00332 | "     | 0.332 |  | 59 | 38-109 | 23 | 30 |  |
| Dibenzo(a,h)anthracene        | 0.204 | 0.00332 | "     | 0.332 |  | 61 | 38-132 | 22 | 30 |  |
| Chrysene                      | 0.204 | 0.00332 | "     | 0.332 |  | 62 | 42-117 | 23 | 30 |  |
| Benzo(k)fluoranthene          | 0.189 | 0.00332 | "     | 0.332 |  | 57 | 40-122 | 22 | 30 |  |
| Benzo(b)fluoranthene          | 0.200 | 0.00332 | "     | 0.332 |  | 60 | 39-123 | 24 | 30 |  |
| Benzo(a)anthracene            | 0.203 | 0.00332 | "     | 0.332 |  | 61 | 42-120 | 24 | 30 |  |
| Anthracene                    | 0.198 | 0.00332 | "     | 0.332 |  | 60 | 41-117 | 23 | 30 |  |
| Acenaphthene                  | 0.193 | 0.00332 | "     | 0.332 |  | 58 | 41-112 | 23 | 30 |  |
| 1-Methylnaphthalene           | 0.194 | 0.00332 | "     | 0.332 |  | 59 | 39-109 | 23 | 30 |  |
| 2-Methylnaphthalene           | 0.204 | 0.00332 | "     | 0.332 |  | 61 | 39-110 | 23 | 30 |  |
| Benzo(a)pyrene                | 0.210 | 0.00332 | "     | 0.332 |  | 63 | 39-127 | 22 | 30 |  |
| Pyrene                        | 0.196 | 0.00332 | "     | 0.332 |  | 59 | 38-117 | 23 | 30 |  |
| Surrogate: 5-alpha-Androstane | 0.121 |         | "     | 0.166 |  | 73 | 22-135 |    |    |  |

**MS (1205937785 S)**

Source: 697609001

Prepared: 12/04/2024 Analyzed: 12/04/2024

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 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**PAH by 8270E SIM - Quality Control**  
**GEL Laboratories, LLC**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 2714859 - SW846 3541

**MS (1205937785 S)**

Source: 697609001

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                               |       |         |           |       |          |    |        |  |  |  |
|-------------------------------|-------|---------|-----------|-------|----------|----|--------|--|--|--|
| 1-Methylnaphthalene           | 0.285 | 0.00412 | mg/kg dry | 0.412 | <0.00136 | 69 | 15-129 |  |  |  |
| Benzo(k)fluoranthene          | 0.273 | 0.00412 | "         | 0.412 | <0.00136 | 66 | 18-138 |  |  |  |
| Benzo(b)fluoranthene          | 0.290 | 0.00412 | "         | 0.412 | <0.00136 | 70 | 14-136 |  |  |  |
| Benzo(a)pyrene                | 0.304 | 0.00412 | "         | 0.412 | <0.00136 | 74 | 16-133 |  |  |  |
| Benzo(a)anthracene            | 0.299 | 0.00412 | "         | 0.412 | <0.00136 | 73 | 20-132 |  |  |  |
| Anthracene                    | 0.289 | 0.00412 | "         | 0.412 | <0.00136 | 70 | 18-136 |  |  |  |
| Acenaphthene                  | 0.278 | 0.00412 | "         | 0.412 | <0.00136 | 67 | 17-129 |  |  |  |
| 2-Methylnaphthalene           | 0.295 | 0.00412 | "         | 0.412 | <0.00136 | 71 | 15-132 |  |  |  |
| Dibenzo(a,h)anthracene        | 0.297 | 0.00412 | "         | 0.412 | <0.00136 | 72 | 11-134 |  |  |  |
| Fluoranthene                  | 0.294 | 0.00412 | "         | 0.412 | <0.00136 | 71 | 14-136 |  |  |  |
| Fluorene                      | 0.278 | 0.00412 | "         | 0.412 | <0.00136 | 68 | 16-134 |  |  |  |
| Indeno(1,2,3-cd)pyrene        | 0.297 | 0.00412 | "         | 0.412 | <0.00136 | 72 | 13-134 |  |  |  |
| Naphthalene                   | 0.276 | 0.00412 | "         | 0.412 | <0.00136 | 67 | 16-126 |  |  |  |
| Pyrene                        | 0.290 | 0.00412 | "         | 0.412 | <0.00136 | 70 | 12-139 |  |  |  |
| Chrysene                      | 0.299 | 0.00412 | "         | 0.412 | <0.00136 | 72 | 19-129 |  |  |  |
| Surrogate: 5-alpha-Androstane | 0.161 |         | "         | 0.206 | 0.177    | 78 | 22-135 |  |  |  |

**MSD (1205937786 SD)**

Source: 697609001

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                        |       |         |           |       |          |    |        |    |    |  |
|------------------------|-------|---------|-----------|-------|----------|----|--------|----|----|--|
| Benzo(a)anthracene     | 0.268 | 0.00411 | mg/kg dry | 0.411 | <0.00136 | 65 | 20-132 | 11 | 30 |  |
| Fluoranthene           | 0.261 | 0.00411 | "         | 0.411 | <0.00136 | 64 | 14-136 | 12 | 30 |  |
| Fluorene               | 0.251 | 0.00411 | "         | 0.411 | <0.00136 | 61 | 16-134 | 11 | 30 |  |
| Indeno(1,2,3-cd)pyrene | 0.262 | 0.00411 | "         | 0.411 | <0.00136 | 64 | 13-134 | 12 | 30 |  |
| Naphthalene            | 0.235 | 0.00411 | "         | 0.411 | <0.00136 | 57 | 16-126 | 16 | 30 |  |
| Pyrene                 | 0.255 | 0.00411 | "         | 0.411 | <0.00136 | 62 | 12-139 | 13 | 30 |  |
| Chrysene               | 0.260 | 0.00411 | "         | 0.411 | <0.00136 | 63 | 19-129 | 14 | 30 |  |
| Benzo(a)pyrene         | 0.274 | 0.00411 | "         | 0.411 | <0.00136 | 67 | 16-133 | 11 | 30 |  |
| Dibenzo(a,h)anthracene | 0.261 | 0.00411 | "         | 0.411 | <0.00136 | 64 | 11-134 | 13 | 30 |  |

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Mike Dinkel  
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**PAH by 8270E SIM - Quality Control**  
**GEL Laboratories, LLC**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 2714859 - SW846 3541

MSD (1205937786 SD)

Source: 697609001

Prepared: 12/04/2024 Analyzed: 12/04/2024

|                               |       |         |           |       |          |    |        |    |    |  |
|-------------------------------|-------|---------|-----------|-------|----------|----|--------|----|----|--|
| Benzo(b)fluoranthene          | 0.259 | 0.00411 | mg/kg dry | 0.411 | <0.00136 | 63 | 14-136 | 11 | 30 |  |
| Anthracene                    | 0.258 | 0.00411 | "         | 0.411 | <0.00136 | 63 | 18-136 | 12 | 30 |  |
| Acenaphthene                  | 0.249 | 0.00411 | "         | 0.411 | <0.00136 | 60 | 17-129 | 11 | 30 |  |
| 2-Methylnaphthalene           | 0.252 | 0.00411 | "         | 0.411 | <0.00136 | 61 | 15-132 | 16 | 30 |  |
| 1-Methylnaphthalene           | 0.241 | 0.00411 | "         | 0.411 | <0.00136 | 59 | 15-129 | 17 | 30 |  |
| Benzo(k)fluoranthene          | 0.245 | 0.00411 | "         | 0.411 | <0.00136 | 60 | 18-138 | 11 | 30 |  |
| Surrogate: 5-alpha-Androstane | 0.137 |         | "         | 0.205 | 0.177    | 67 | 22-135 |    |    |  |

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Jordan A. Bynon, Project Manager



Quandary Consultants  
 2252 Emerson St.  
 Denver CO 80205

Mike Dinkel  
 Project Number: [none]  
 Project: KMG - Jones Guy H Gas UN2

**Total Metals by 7196A - Quality Control  
 GEL Laboratories, LLC**

| Analyte                            | Result | Reporting Limit | Units     | Spike Level | Source Result                             | %REC | %REC Limits | RPD | RPD Limit | Notes |
|------------------------------------|--------|-----------------|-----------|-------------|---|------|-------------|-----|-----------|-------|
| <b>Batch 2722490 - SW846 3060A</b> |        |                 |           |             |   |      |             |     |           |       |
| <b>BLANK (1205953283-BLK)</b>      |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | ND     | 0.397           | mg/kg     |             |   |      | -           |     |           | U     |
| <b>LCS (1205953284-BKS)</b>        |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | 3.42   | 0.340           | mg/kg     | 3.40        |   | 101  | 80-120      |     |           |       |
| <b>DUP (1205953285 D)</b>          |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Source: E4K0652-01                        |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | ND     | 0.395           | mg/kg dry |             | <0.158                                    |      | 0-50        | N/A | 50        | U     |
| <b>MS (1205953286 S)</b>           |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Source: E4K0652-01                        |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | 2.78   | 0.394           | mg/kg dry | 3.94        | <0.158                                    | 70.1 | 75-125      |     |           |       |
| <b>DUP (1205953287 D)</b>          |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Source: E4K0652-02                        |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | ND     | 0.466           | mg/kg dry |             | <0.187                                    |      | 0-50        | N/A | 50        | U     |
| <b>MS (1205953288 S)</b>           |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Source: E4K0652-02                        |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | 3.71   | 0.467           | mg/kg dry | 4.67        | <0.187                                    | 79   | 75-125      |     |           |       |
| <b>ILCS (1205953289-ILCS)</b>      |        |                 |           |             |   |      |             |     |           |       |
|                                    |        |                 |           |             | Prepared: 12/20/2024 Analyzed: 12/27/2024 |      |             |     |           |       |
| Hexavalent Chromium                | 7.41   | 0.346           | mg/kg     | 7.01        |   | 106  | 80-120      |     |           |       |

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Project: KMG - Jones Guy H Gas UN2

### Notes and Definitions

- Ua Sample is Non-Detect.
  - U Result not detected above the detection limit
  - QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
  - J Greater than the detection limit but less than the reporting limit
  - ND Analyte NOT DETECTED at or above the reporting limit
  - RPD Relative Percent Difference
- All soil results are reported on a wet weight basis.

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